

ECASD40E477M006KA0

In Production

Recommended

New

RoHS

REACH

105 °C max.

Effective Cap

Low acoustic noise

Deflecting crack

Reflow OK

Applications

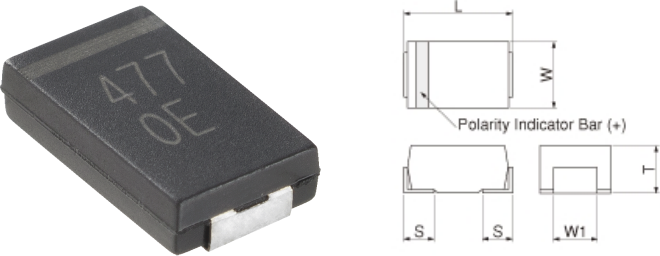
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Mobile Electronics, Consumer equipment, Industrial Equipment, Medical equipment [GHTF A/B/C] except for implant equipment, Automotive infotainment/comfort equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Notebook PC, PC [Personal Computer], Server, Storage, Base Station, Television, TV Game / Video Game, Processor [ASIC / FPGA / xPU], Copier, POS [Point Of Sales], IoT Equipment, Robotic control, PoE [Power over Ethernet]

References

Packaging	Specifications	Standard Packing Quantity
K	330 Embossed Tape	3000

Mass (typ.)	
1 piece	0.13g

Appearance & Shape



Attention
 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 2.This datasheet has only typical specifications because there is no space for detailed specifications.
 Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

ECASD40E477M006KA0



Specifications

Length	7.3±0.3mm
Width	4.3±0.2mm
Thickness	1.9±0.1mm
Allowable Ripple Current	7.5Arms
Capacitance	470μF ±20%
ESR	6mΩ
Leakage Current	117.5μA
Maximum operating temperature	105°C
Operating Temperature Range	-40°C to 105°C
Rated Voltage	2.5Vdc
Size code in inch (mm)	2917(7343)
S size	1.3±0.2mm
W1 size	2.4±0.2mm

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

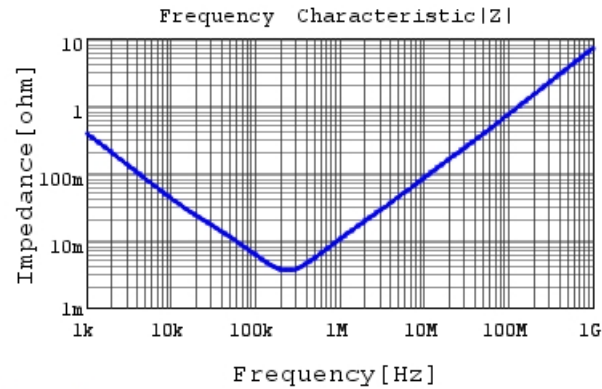
2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

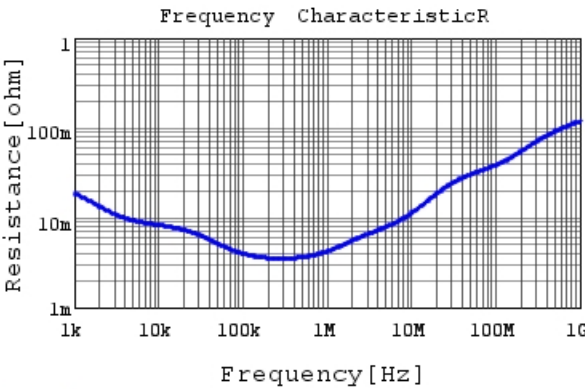
ECASD40E477M006KA0

Characteristic Data

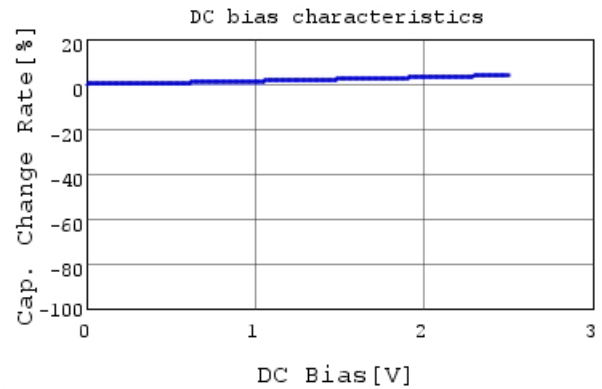
The charts below may show another part number which shares its characteristics.



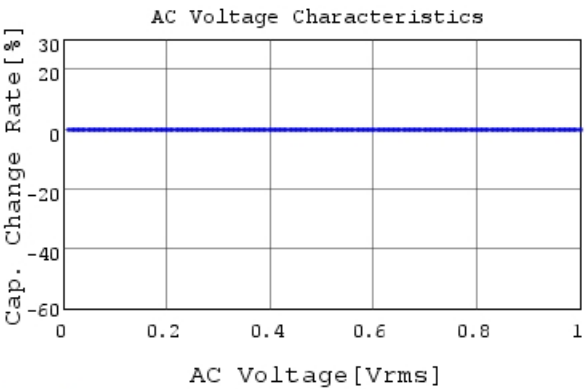
ECASD40E477M006KA0 |Z| DCOV, 25degC



ECASD40E477M006KA0 R DCOV, 25degC



ECASD40E477M006KA0 C-DC bias capchange, 25.0

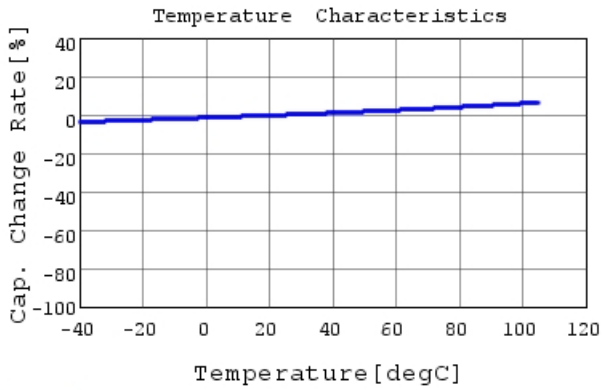


ECASD40E477M006KA0 C-AC Voltage capchange, I

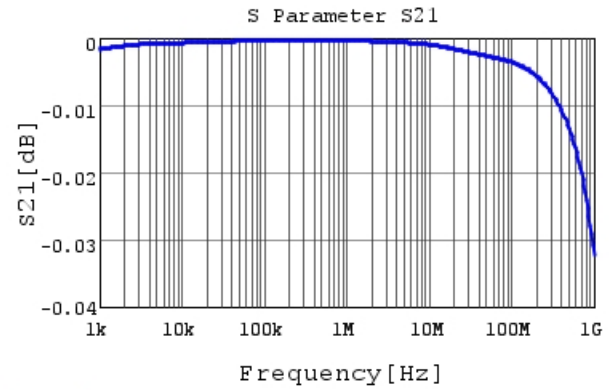
Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

ECASD40E477M006KA0



ECASD40E477M006KA0 C-Temp. capchange, DCOV,



ECASD40E477M006KA0 S21 DCOV, 25degC

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.